

# INDEX VOLUME LXXIV (JANUARY-JUNE 1952)

## Title Index of Articles

- Administration of Research in the National Institutes of Health, by W. H. Sebrell and C. V. Kidd, 152
- American Geographical Society: 1852-1952, The, by J. K. Wright, 121
- Annisquam Sea-Side Laboratory of Alpheus Hyatt, The, by R. W. Dexter, 112
- Architecture of Herbaceous Plants, by L. M. Shields, 269
- Aristocrat Amongst the Animals, The, by F. M. Brown, 233
- Aspects of Water Pollution Study in the California and Great Basin Area, by C. L. Newcombe, 9
- Audubon and Nuttall, by J. E. Graustein, 84
- Bird Banding and its Educational Values, by O. A. Stevens, 180
- Books, Battles, and Biology, by L. P. Coonen, 211
- Brief Report of the Philadelphia Meeting, A, by R. L. Taylor, 119
- Cave Pearls in Carlsbad Caverns, by D. M. Black, 206
- Cleared for Top Secret, 145
- Current Long-Range Forecasting Program of the U. S. Weather Bureau, The, by J. Namias and W. G. Leight, 21
- Day and the Date Line, The, by J. Stokley, 237
- Day Length, Migration, and Breeding Cycles in Birds, by A. Wolfson, 191
- Economic Mobilization: Problems and Prospects, by M. B. Folsom, 132
- Evaluation of Science Teaching in Senior High School, An, by S. R. Powers, 273
- Evaluation of Wildlife Importations, by H. W. Levi, 315
- Example of How Dams Destroy Valuable Scientific Records, An, by J. A. Steyermark, 231
- Fact and Fiction in Criminology, by A. L. Beeley, 45
- Feed the Soil! by F. L. Wynd, 223
- Food Production and Administration in Taiwan, by T. H. Shen, 253
- Function of Proverbs in the Intellectual Development of Primitive Peoples, The, by E. Loeb, 100
- Man, the State of Nature, and Climax: As Illustrated by some Problems of the North American Grassland, by J. C. Malin, 29
- Metallurgy of the Less Familiar Elements, The, by B. W. Gonser, 52
- Mining District of Kiruna Stad, Sweden, The, by L. Carlson, 76
- Mysterious Crater Elegante, by A. O. Kelly, 291
- National Physical Laboratory, The, 346
- On Game-Learning Machines, by P. I. Richards, 201
- On the Nature of Scientific Law, by L. J. Lafleur, 247
- On Percentage Moments, by S. C. Dodd, 220
- One Hundred Years of British Science, by M. Goldsmith, 170
- Organization of Research in Africa, by E. B. Worthington, 39
- Petroleum—Then and Now, by P. D. Foote, 281
- Preliminary Announcement, Sixth St. Louis Meeting, by R. L. Taylor, 376
- Proposal for an Experimental Study of Metabolic Changes Accompanying Incipient Human Cancer, by G. Toennies, 108

Protozoa as Indicators of Pollution, by J. L. Mohr, 7

Psychobiological Periodic Table of Chemical Elements, by D. Ransom, 358

Rich Man, Poor Man, by R. F. Wolf, 69

Role of Algae in Sewage Oxidation Ponds, by H. F. Ludwig and W. J. Oswald, 3

Role of Social Research in World Affairs, The, by K. L. Heaton, 304

Soil Conservation Practices in the Caribbean Archipelago, by I. Velez, 183

Some Behavioral Effects of Oxygen Lack, by W. P. Hurder, 105

Some Issues in the Logic of Historical Analysis, by E. Nagel, 162

Some Relationships of Phytoplankton to Pollution, by H. K. Phinney, 17

Survival of Physical Science, The, by R. B. Lindsay, 139

Svalbard: Norway's Arctic Frontier, by L. M. Sommers, 338

Symposium on the Role of Ecology in Water Pollution Control, 3

Teaching, Research, Thinking, by M. W. Horowitz, 332

To the Stars via South Africa, by C. A. Federer, Jr., and I. R. King, 323

Viewpoint and Progress of Comparative Vertebrate Physiology, The, by F. H. McCutcheon, 297

Water Pollution: A Factor Modifying Fish Populations in Pacific Coast Streams, by R. M. Paul, 14

Western Cuba: Cultural Traverses in Time and Space, by R. Crist, 91

Who Gets the Grass—Man or Beast? by C. W. Johnson, 303

## Subject Index

- Africa, 39
- Agriculture, 29, 91, 183, 223, 253, 303
- Algae, 3
- American Geographical Society, 121
- Annisquam, 112
- Anoxia, 105
- Association Affairs, 119, 246, 314, 376
- Astrology, 211
- Astronomy, 323
- Audubon, 84
- Biology, 211, 233, 315
- Botany, 269
- British Association for the Advancement of Science, 170
- British science, 170, 346
- Callicarpa americana*, 231
- Cancer, 108
- Carlsbad Caverns, 206
- Chemistry, 69
- Chubb Crater, 291
- Computing machines, 201
- Corps of Engineers, 231
- Crater Elegante, 291
- Criminology, 45
- Cuba, 91
- Ecology, 3
- Economics, 132
- Education, 245, 273, 374, 375
- Evolution, 233

# INDEX VOLUME LXXIV (JANUARY-JUNE 1952)

## Title Index of Articles

- Administration of Research in the National Institutes of Health, by W. H. Sebrell and C. V. Kidd, 152
- American Geographical Society: 1852-1952, The, by J. K. Wright, 121
- Annisquam Sea-Side Laboratory of Alpheus Hyatt, The, by R. W. Dexter, 112
- Architecture of Herbaceous Plants, by L. M. Shields, 269
- Aristocrat Amongst the Animals, The, by F. M. Brown, 233
- Aspects of Water Pollution Study in the California and Great Basin Area, by C. L. Newcombe, 9
- Audubon and Nuttall, by J. E. Graustein, 84
- Bird Banding and its Educational Values, by O. A. Stevens, 180
- Books, Battles, and Biology, by L. P. Coonen, 211
- Brief Report of the Philadelphia Meeting, A, by R. L. Taylor, 119
- Cave Pearls in Carlsbad Caverns, by D. M. Black, 206
- Cleared for Top Secret, 145
- Current Long-Range Forecasting Program of the U. S. Weather Bureau, The, by J. Namias and W. G. Leight, 21
- Day and the Date Line, The, by J. Stokley, 237
- Day Length, Migration, and Breeding Cycles in Birds, by A. Wolfson, 191
- Economic Mobilization: Problems and Prospects, by M. B. Folsom, 132
- Evaluation of Science Teaching in Senior High School, An, by S. R. Powers, 273
- Evaluation of Wildlife Importations, by H. W. Levi, 315
- Example of How Dams Destroy Valuable Scientific Records, An, by J. A. Steyermark, 231
- Fact and Fiction in Criminology, by A. L. Beeley, 45
- Feed the Soil! by F. L. Wynd, 223
- Food Production and Administration in Taiwan, by T. H. Shen, 253
- Function of Proverbs in the Intellectual Development of Primitive Peoples, The, by E. Loeb, 100
- Man, the State of Nature, and Climax: As Illustrated by some Problems of the North American Grassland, by J. C. Malin, 29
- Metallurgy of the Less Familiar Elements, The, by B. W. Gonser, 52
- Mining District of Kiruna Stad, Sweden, The, by L. Carlson, 76
- Mysterious Crater Elegante, by A. O. Kelly, 291
- National Physical Laboratory, The, 346
- On Game-Learning Machines, by P. I. Richards, 201
- On the Nature of Scientific Law, by L. J. Lafleur, 247
- On Percentage Moments, by S. C. Dodd, 220
- One Hundred Years of British Science, by M. Goldsmith, 170
- Organization of Research in Africa, by E. B. Worthington, 39
- Petroleum—Then and Now, by P. D. Foote, 281
- Preliminary Announcement, Sixth St. Louis Meeting, by R. L. Taylor, 376
- Proposal for an Experimental Study of Metabolic Changes Accompanying Incipient Human Cancer, by G. Toennies, 108

Protozoa as Indicators of Pollution, by J. L. Mohr, 7

Psychobiological Periodic Table of Chemical Elements, by D. Ransom, 358

Rich Man, Poor Man, by R. F. Wolf, 69

Role of Algae in Sewage Oxidation Ponds, by H. F. Ludwig and W. J. Oswald, 3

Role of Social Research in World Affairs, The, by K. L. Heaton, 304

Soil Conservation Practices in the Caribbean Archipelago, by I. Velez, 183

Some Behavioral Effects of Oxygen Lack, by W. P. Hurder, 105

Some Issues in the Logic of Historical Analysis, by E. Nagel, 162

Some Relationships of Phytoplankton to Pollution, by H. K. Phinney, 17

Survival of Physical Science, The, by R. B. Lindsay, 139

Svalbard: Norway's Arctic Frontier, by L. M. Sommers, 338

Symposium on the Role of Ecology in Water Pollution Control, 3

Teaching, Research, Thinking, by M. W. Horowitz, 332

To the Stars via South Africa, by C. A. Federer, Jr., and I. R. King, 323

Viewpoint and Progress of Comparative Vertebrate Physiology, The, by F. H. McCutcheon, 297

Water Pollution: A Factor Modifying Fish Populations in Pacific Coast Streams, by R. M. Paul, 14

Western Cuba: Cultural Traverses in Time and Space, by R. Crist, 91

Who Gets the Grass—Man or Beast? by C. W. Johnson, 303

## Subject Index

- Africa, 39
- Agriculture, 29, 91, 183, 223, 253, 303
- Algae, 3
- American Geographical Society, 121
- Annisquam, 112
- Anoxia, 105
- Association Affairs, 119, 246, 314, 376
- Astrology, 211
- Astronomy, 323
- Audubon, 84
- Biology, 211, 233, 315
- Botany, 269
- British Association for the Advancement of Science, 170
- British science, 170, 346
- Callicarpa americana*, 231
- Cancer, 108
- Carlsbad Caverns, 206
- Chemistry, 69
- Chubb Crater, 291
- Computing machines, 201
- Corps of Engineers, 231
- Crater Elegante, 291
- Criminology, 45
- Cuba, 91
- Ecology, 3
- Economics, 132
- Education, 245, 273, 374, 375
- Evolution, 233

Fertilizers, 223  
 Fibonacci Series, 68  
 Fisheries, 14  
 Formosa, 253  
 Games, 201  
 Geography, 91, 121, 338  
 Government research, 152  
 Grass, 303  
 Grasslands, 29  
 Great Plains, 29  
 Helminths, 68  
 History of science, 162, 170, 211  
 Hyatt, Alpheus, 112  
 International date line, 237  
 Iron, 76  
 Kiruna Stad, Sweden, 76  
 Laboratories, 112, 152, 346  
 Loyalty investigation, 145, 245  
 McCarran Act, 245  
 Man, evolution of, 233  
 Mathematics, 68, 220  
 Medicine, 108  
 Medicine, ancient, 211  
 Metabolism, 108  
 Metallurgy, 52  
 Meteor Crater, 291  
 Methodology, 139  
 Mining, 76, 338  
 National Institutes of Health, 152  
 National Physical Laboratory, 338  
 Norway, 338  
 Nuttall, 84  
 Observatories, 323  
 Oil, 280  
 Ornithology, 84, 180, 191  
 Percentage moments, 220  
 Petroleum, 280  
 Philosophy, 139, 162, 247  
 Physics, 139  
 Physiology, 297  
 Phytoplankton, 17  
 Plant structure, 269  
 Pollution, water, 3, 7, 9, 14, 17  
 Protozoa, 7  
 Proverbs, primitive, 100  
 Psychobiology, 358  
 Psychology, 105, 304  
 Rice production, 253  
 Rubber, synthetic, 69  
 Scientific law, 247  
 Scientific research, 39, 152, 332  
 Scientists and cranks, 117  
 Security clearance, 145, 245  
 Sewage oxidation, 3  
 Sociology, 45, 91, 304  
 Soil conservation, 183  
 Soil erosion, 29  
 South Africa, 323  
 Spitzbergen, 338  
 Statistics, 220  
 Sugar cane, 91, 253  
 Svalbard, 338  
 Sweet potatoes, 253

Taiwan, 253  
 Teaching, 273, 332, 374  
 Technology, 52, 281  
 Time, 237

U. S. Fish and Wildlife Service, 315  
 U. S. Public Health Service, 152  
 U. S. Weather Bureau, 21

Vertebrate physiology, 297  
 Virgin Islands, 183

Water pollution, 3, 9, 14  
 Weather, 21  
 West Indies, 183  
 Wildlife importations, 315  
 Woods Hole, 112

# Contributors

ANON.: Cleared for Top Secret, 145  
 ANON.: The National Physical Laboratory, 346  
 BEELEY, A. L.: Fact and Fiction in Criminology, 45  
 BLACK, D. M.: Cave Pearls in Carlsbad Caverns, 206  
 BROWN, F. M.: The Aristocrat Amongst the Animals, 233  
 CARLSON, L.: The Mining District of Kiruna Stad, Sweden, 76  
 COONEN, L. P.: Books, Battles, and Biology, 211  
 CRIST, R.: Western Cuba, 91  
 DEXTER, R. W.: The Annisquam Sea-side Laboratory of Alpheus Hyatt, 112  
 DODD, S. C.: On Percentage Moments, 220  
 FEDERER, C. A., JR., and KING, I. R.: To the Stars via South Africa, 323  
 FOLSOM, M. B.: Economic Mobilization, 132  
 FOOTE, P. D.: Petroleum—Then and Now, 281  
 GOLDSMITH, M.: One Hundred Years of British Science, 170  
 GONSER, B. W.: The Metallurgy of the Less Familiar Elements, 52  
 GRAUSTEIN, J. E.: Audubon and Nuttall, 84  
 HEATON, K. L.: The Role of Social Research in World Affairs, 304  
 HOROWITZ, M. W.: Teaching, Research, Thinking, 332  
 HURDER, W. P.: Some Behavioral Effects of Oxygen Lack, 105  
 JOHNSON, C. W.: Who Gets the Grass—Man or Beast? 303  
 KELLY, A. O.: Mysterious Crater Elegante, 291  
 KIDD, C. V., and SEBRELL, W. H.: Administration of Research in the National Institutes of Health, 152  
 KING, I. R., and FEDERER, C. A., JR.: To the Stars via South Africa, 323  
 LAFLEUR, L. J.: On the Nature of Scientific Law, 247  
 LEIGHT, W. G., and NAMIAS, J.: The Current Long-Range Forecasting Program of the U. S. Weather Bureau, 21  
 LEVI, H. W.: Evaluation of Wildlife Importations, 315  
 LINDSAY, R. B.: The Survival of Physical Science, 139  
 LOEB, E.: The Function of Proverbs in the Intellectual Development of Primitive Peoples, 100  
 LUDWIG, H. F., and OSWALD, W. J.: Role of Algae in Sewage Oxidation Ponds, 3  
 McCUTCHEON, F. H.: The Viewpoint and Progress of Comparative Vertebrate Physiology, 297

- MALIN, J. C.: Man, the State of Nature, and Climax, 29  
 MOHR, J. L.: Protozoa as Indicators of Pollution, 7  
 NAGEL, E.: Some Issues in the Logic of Historical Analysis, 162  
 NAMIAS, J., and LEIGHT, W. G.: The Current Long-Range Forecasting Program of the U. S. Weather Bureau, 21  
 NEWCOMBE, C. L.: Aspects of Water Pollution Study in the California and Great Basin Area, 9  
 OSWALD, W. J., and LUDWIG, H. F.: Role of Algae in Sewage Oxidation Ponds, 3  
 PAUL, R. M.: Water Pollution: A Factor Modifying Fish Populations in Pacific Coast Streams, 14  
 PHINNEY, H. K.: Some Relationships of Phytoplankton to Pollution, 17  
 POWERS, S. R.: An Evaluation of Science Teaching in Senior High School, 273  
 RANSOM, D.: Psychobiological Periodic Table of Chemical Elements, 358  
 RICHARDS, P. I.: On Game-Learning Machines, 201  
 SEBRELL, W. H., and KIDD, C. V.: Administration of Research in the National Institutes of Health, 152  
 SHEN, T. H.: Food Production and Administration in Taiwan, 253  
 SHIELDS, L. M.: Architecture of Herbaceous Plants, 269  
 SOMMERS, L. M.: Svalbard: Norway's Arctic Frontier, 338  
 STEVENS, O. A.: Bird Banding and its Educational Values, 180  
 STEYERMARK, J. A.: An Example of How Dams Destroy Valuable Scientific Records, 231  
 STOKLEY, J.: The Day and the Date Line, 237  
 TAYLOR, R. L.: A Brief Report of the Philadelphia Meeting, 119; Preliminary Announcement, Sixth St. Louis Meeting, 376  
 TOENNIES, G.: Proposal for an Experimental Study of Metabolic Changes Accompanying Incipient Human Cancer, 108  
 VELEZ, I.: Soil Conservation Practices in the Caribbean Archipelago, 183  
 WOLF, R. F.: Rich Man, Poor Man, 69  
 WOLFSON, A.: Day Length, Migration, and Breeding Cycles in Birds, 191  
 WORTHINGTON, E. B.: Organization of Research in Africa, 39  
 WRIGHT, J. K.: The American Geographical Society: 1852-1952, 121  
 WYND, F. L.: Feed the Soil! 223

### Books Reviewed

- Algae of the Western Great Lakes Area*, by G. W. Prescott, 312  
*Allee, W. C., and Schmidt, Karl P.: Ecological Animal Geography* (2nd ed.), 190  
*American Weasels*, by E. Raymond Hall, 372  
*Amphibians of Western North America*, by Robert C. Stebbins, 239  
*Animal Evolution. A Study of Recent Views of its Causes*, by G. S. Carter, 62  
*Annual Review of Physical Chemistry*, Vol. 2. G. K. Rollefson, Ed., 66  
*Art of Clear Thinking, The*, by Rudolf Fleisch, 239  
*Art of Eloquence, The*, by Theodore R. McKeldin and John C. Krantz, Jr., 239  
*Bates, Marston: Where Winter Never Comes*, 369  
*Bay, The*, by Gilbert Klingel, 58  
 Berrill, N. J.: *The Living Tide*, 313  
 Bertelsen, E.: *The Ceratoid Fishes*, 368  
*British Pharmaceutical Codex 1949, The*, 373  
 Calder, Ritchie: *Profile of Science*, 370  
 California State Division of Mines: *Geologic Guidebook of the San Francisco Bay Counties: History, Landscape, Geology, Fossils, Minerals, Industry, and Routes to Travel*, 311  
*Caravan: The Story of the Middle East*, by Carleton S. Coon, 313  
 Carson, Rachel L.: *Under the Sea-Wind*, 313  
 Carter, G. S.: *Animal Evolution*, 62  
 Casey, Robert S., and Perry, James W., Eds.: *Punched Cards*, 67  
*Century of Science*, A. Herbert Dingle, Ed., 189  
*Ceratoid Fishes, The: Ontogeny, Taxonomy, Distribution and Biology*, by E. Bertelsen, 368  
 Christensen, Clyde M.: *The Molds and Man*, 370  
*Civilizations of Ancient America, The*. Sol Tax, Ed., 188  
*Concise History of Astronomy, A*, by Peter Doig, 244  
 Coon, Carleton S.: *Caravan: The Story of the Middle East*, 313  
 Corcoran, George F., et al.: *Electrical Communications Experiments*, 312  
 Crompton, John: *The Life of the Spider*, 62  
 de Beaufort, L. F.: *Zoogeography of the Land and Inland Waters*, 63  
 Dingle, Herbert, Ed.: *A Century of Science*, 189  
 Doig, Peter: *A Concise History of Astronomy*, 244  
 Dushman, Saul: *Fundamentals of Atomic Physics*, 186  
*Ecological Animal Geography* (2nd ed.), prepared by W. C. Allee and Karl P. Schmidt, 190  
 Edman, Marjorie, and Mitchell, H. H.: *Nutrition and Climatic Stress*, 371  
 Eells, Kenneth, et al.: *Intelligence and Cultural Differences*, 61  
*Electrical Communications Experiments*, by Henry R. Reed, T. C. Gordon Wagner, and George F. Corcoran, 312  
*Embryology of the Viviparous Insects*, by Harold R. Hagan, 60  
*Explanation of Human Behavior, The*, by F. V. Smith, 240  
*Factors Regulating Blood Pressure*. Benjamin W. Zwefach and Ephraim Shorr, Eds., 372  
*First Book of Snakes, The*, by John Hoke, 313  
 Fleisch, Rudolf: *The Art of Clear Thinking*, 239  
 Fletcher, Joachim: *Mental Health and the Prevention of Neurosis*, 187  
*Fluorine and its Compounds*, by R. N. Haszeldine and A. G. Sharpe, 189  
 French, Thomas W.: *The Integration of Behavior*. Vol. I: *Basic Postulates*, 310  
 Fuller, Harry J.: *The Plant World* (rev. ed.), 59  
*Fundamentals of Atomic Physics*, by Saul Dushman, 186  
*Geologic Guidebook of the San Francisco Bay Counties: History, Landscape, Geology, Fossils, Minerals, Industry, and Routes to Travel*. California State Division of Mines, 311  
 Goodey, T.: *Soil and Freshwater Nematodes*, 188  
 Graves, Arthur Harnount: *Illustrated Guide to Trees and Shrubs*, 242  
 Greenacre, Phyllis: *Trauma, Growth and Personality*, 373  
*Groups, Leadership and Men*. Harold Guetzkow, Ed., 66  
 Guetzkow, Harold, Ed.: *Groups, Leadership and Men*, 66



- Hagan, Harold R.: *Embryology of the Viviparous Insects*, 60
- Hall, E. Raymond: *American Weasels*, 372
- Haszeldine, R. N., and Sharpe, A. G.: *Fluorine and its Compounds*, 189
- Hediger, H.: *Wild Animals in Captivity*, 241
- Higman, Harry W., and Larrison, Earl J.: *Union Bay: The Life of a City Marsh*, 63
- History of Science and Technology in the 16th and 17th Centuries, by A. Wolf (rev. ed. by D. McKie), 244
- History of the Theories of Aether and Electricity (rev. ed.), by Sir Edmund Whittaker, 59
- Hoke, John: *The First Book of Snakes*, 313
- Hopkins, G. H. E.: *Mosquitoes of the Ethiopian Region. I. Larval Bionomics of Mosquitoes and Taxonomy of Culicine Larvae* (2nd ed.), 372
- Horses, by George Gaylord Simpson, 65
- Hyman, Libbie Henrietta: *The Invertebrates: The Pseudocoelomate Bilateria: Acanthocephala, Aschelminthes, and Entoprocta*, Vol. III, 62
- Illustrated Guide to Trees and Shrubs, by Arthur Har-  
mount Graves, 242
- Imms, A. D.: *Insect Natural History*, 60
- Insect Natural History*, by A. D. Imms, 60
- Insect Resistance in Crop Plants*, by Reginald H. Painter, 67
- Integration of Behavior, The. Vol. I: Basic Postulates*, by Thomas M. French, 310
- Intelligence and Cultural Differences*, by Kenneth Eells, Allison Davis, Robert J. Havighurst, Virgil E. Herrick, and Ralph W. Tyler, 61
- Introduced Mammals of New Zealand*, by K. A. Wodzicki, 63
- Invertebrates, The: The Pseudocoelomate Bilateria: Acanthocephala, Aschelminthes, and Entoprocta*, Vol. III, by Libbie Henrietta Hyman, 62
- Jefferson, Thomas: *Scientist*, by Edwin T. Martin, 309
- Klingel, Gilbert: *The Bay*, 58
- Krantz, John C., Jr., and McKeldin, Theodore R.: *The Art of Eloquence*, 239
- Larrison, Earl J., and Higman, Harry W.: *Union Bay: The Life of a City Marsh*, 63
- Leeston, Alfred M.: *Magic Oil, Servant of the World*, 243
- Lerner, Daniel, and Lasswell, Harold D., Eds.: *The Policy Sciences*, 308
- Lewis, Oscar: *Life in a Mexican Village*, 368
- Libby, Willard F.: *Radiocarbon Dating*, 367
- Life in a Mexican Village: Tepoztlán Restudied*, by Oscar Lewis, 368
- Life of the Spider, The*, by John Crompton, 62
- Lippman, Richard W.: *Urine and the Urinary Sediment*, 312
- Living Tide, The*, by N. J. Berrill, 313
- McKeldin, Theodore R., and Krantz, John C., Jr.: *The Art of Eloquence*, 239
- Magic Oil, Servant of the World*, by Alfred M. Leeston, 243
- Man on his Nature*, by Sir Charles Sherrington, 367
- Martin, Edwin T.: *Thomas Jefferson, Scientist*, 309
- Mental Health and the Prevention of Neurosis*, by Joachim Flescher, 187
- Mexican Birds*, by George Miksch Sutton, 309
- Mitchell, H. H., and Edman, Marjorie: *Nutrition and Climatic Stress*, 371
- Modern Gardening*, by P. P. Pirone, 366
- Molds and Man, The*, by Clyde M. Christensen, 370
- Mosquitoes of the Ethiopian Region. I. Larval Bionomics of Mosquitoes and Taxonomy of Culicine Larvae* (2nd ed.), by G. H. E. Hopkins, 372
- Nitrogen in the Life of Plants*, by D. N. Prianishnikov. Trans. from the Russian by S. A. Wilde, 189
- Nobel: The Man and his Prizes*, 241
- North American Buffalo, The*, by Frank Gilbert Roe, 187
- Nutrition and Climatic Stress*, by H. H. Mitchell and Marjorie Edman, 371
- Origin and Evolution of Man*, 233
- Painter, Reginald H.: *Insect Resistance in Crop Plants*, 67
- Panorama of Science, 1951*. Webster Prentiss True, Ed., 370
- Parsons, Talcott: *The Social System*, 63
- Perry, James W., and Casey, Robert S., Eds.: *Punched Cards*, 67
- Peterson, Roger Tory: *Wild Life in Color*, 244
- Physical Geography*, by Arthur N. Strahler, 65
- Pirone, P. P.: *Modern Gardening*, 366
- Planets, The: Their Origin and Development*, by Harold C. Urey, 311
- Plant World, The* (rev. ed.), by Harry J. Fuller, 59
- Policy Sciences, The*. Daniel Lerner and Harold D. Lasswell, Eds., 308
- Poole, Lynn: *Today's Science and You*, 366
- Preparation, Properties, and Technology of Fluorine and Organic Fluoro Compounds*. Charles Slesser and Stewart R. Schram, Eds., 58
- Prescott, G. W.: *Algae of the Western Great Lakes Area*, 312
- Profile of Science*, by Ritchie Calder, 370
- Punched Cards*. Robert S. Casey and James W. Perry, Eds., 67
- Prianishnikov, D. N.: *Nitrogen in the Life of Plants*, 189
- Radiocarbon Dating*, by Willard F. Libby, 367
- Range Management: Principles and Practices*, by Arthur W. Sampson, 308
- Reed, Henry R., Wagner, T. C. Gordon, and Corcoran, George F.: *Electrical Communications Experiments*, 312
- Ripley, S. Dillon: *Search for the Spiny Babbler*, 242
- Roe, Frank Gilbert: *The North American Buffalo*, 187
- Rollefson, G. K., Ed.: *Annual Review of Physical Chemistry*, Vol. 2, 66
- Sampson, Arthur W.: *Range Management: Principles and Practices*, 308
- Schmidt, Karl P., and Allee, W. C.: *Ecological Animal Geography* (2nd ed.), 190
- Schram, Stewart R., and Slesser, Charles, Eds.: *Preparation, Properties, and Technology of Fluorine and Organic Fluoro Compounds*, 58
- Search for the Spiny Babbler: An Adventure in Nepal*, by S. Dillon Ripley, 242
- Sharpe, A. G., and Haszeldine, R. N.: *Fluorine and its Compounds*, 189
- Sherrington, Sir Charles: *Man on his Nature*, 367
- Shorr, Ephraim, and Zwefach, Benjamin W.: *Factors Regulating Blood Pressure*, 372
- Simpson, George Gaylord: *Horses*, 65
- Slesser, Charles, and Schram, Stewart R., Eds.: *Preparation, Properties, and Technology of Fluorine and Organic Fluoro Compounds*, 58
- Smith, F. V.: *The Explanation of Human Behavior*, 240

- Social System, The*, by Talcott Parsons, 63  
*Soil and Freshwater Nematodes*, by T. Goodey, 188  
 Stebbins, Robert C.: *Amphibians of Western North America*, 239  
 Strahler, Arthur N.: *Physical Geography*, 65  
 Sutton, George Miksch: *Mexican Birds*, 309  
 Tax, Sol, Ed.: *The Civilizations of Ancient America*, 188  
*Today's Science and You*, by Lynn Poole, 366  
*Trauma, Growth and Personality*, by Phyllis Greenacre, 373  
 Truc, Webster Prentiss, Ed.: *Panorama of Science, 1951*, 370  
*Under the Sea-Wind*, by Rachel L. Carson, 313  
*Union Bay: The Life of a City Marsh*, by Harry W. Higman and Earl J. Larrison, 63  
 Urey, Harold C.: *The Planets: Their Origin and Development*, 311  
*Urine and the Urinary Sediment*, by Richard W. Lippman, 312  
 Wagner, T. C. Gordon, et al.: *Electrical Communications Experiments*, 312  
*Where Winter Never Comes*, by Marston Bates, 369  
 Whittaker, Sir Edmund: *History of the Theories of Aether and Electricity* (rev. ed.), 59  
*Wild Animals in Captivity*, by H. Hediger, 241  
*Wild Life in Color*, by Roger Tory Peterson, 244  
 Wodzicki, K. A.: *Introduced Mammals of New Zealand*, 63  
 Wolf, A.: *History of Science and Technology in the 16th and 17th Centuries* (rev. ed. by Douglas McKie), 244  
*Zoogeography of the Land and Inland Waters*, by L. F. de Beaufort, 63  
 Zwefach, Benjamin W., and Shorr, Ephraim: *Factors Regulating Blood Pressure*, 372

### Book Reviewers

- ABBOTT, R. TUCKER, 58, 313  
 ALLEN, ARTHUR A.: 309  
 ALPER, T. S.: 187  
 BROWN, F. MARTIN: 65, 233  
 CAGE, J. M.: 312  
 CAIRNS, HUNTINGTON: 313  
 CHAPIN, E. A.: 62  
 COHEN, I. BERNARD: 370  
 COONS, GEORGE H.: 366  
 DAVIS, KINGSLEY: 368  
 DAVIS, WATSON: 366  
 DUNN, E. R.: 239  
 EDWARDS, ALLEN L.: 66  
 ENGELBERT, ERNEST A.: 308  
 FRANKFORTER, W. D.: 187  
 GLASS, BENTLEY: 367  
 GRAUSTEIN, JEANNETTE E.: 242  
 GURNEY, ASHLEY B.: 60  
 HEDGPETH, JOEL W.: 190, 313  
 HENDRICKS, B. CLIFFORD: 67  
 HEYL, PAUL R.: 59  
 HYLAND, F.: 242  
 ILLG, PAUL L.: 62  
 JENKINS, GLENN L.: 373  
 KRIEGHBAUM, HILLIER: 239  
 KULP, J. LAURENCE: 367

- LAWRENCE, BARBARA: 372  
 LECHEVALIER, HUBERT: 370  
 LEHNER, GEORGE F. J.: 240, 310  
 MALIN, JAMES C.: 308  
 MANN, W. M.: 241, 310  
 MEYERHOFF, ARTHUR A.: 311  
 MILLS, CLARENCE A.: 371  
 MILNE, LORUS J., and MARGERY J.: 62  
 NICHOLS, HERBERT B.: 65, 188  
 PACKARD, C. M.: 67  
 PALMER, P. S.: 311  
 PIERCE, OGDEN R.: 58  
 PRATT, WALLACE E.: 243  
 ROTH, LOUISE M.: 189  
 SCHULTZ, LEONARD P.: 368  
 SMITH, DIETRICH C.: 372  
 SMITH, GILBERT M.: 312  
 SNYDER, MARJORIE B.: 309, 370  
 STARKEY, ROBERT L.: 189  
 STOKLEY, JAMES: 241  
 STONE, ALAN: 372  
 TAYLOR, A. L.: 188  
 THOMSON, BETTY F.: 59  
 WADLEY, F. M.: 67, 189  
 WALTERSTEIN, I.: 186  
 WENGER, PAUL: 373  
 WILLIAMSON, ROBERT E.: 63  
 WOLF, A. V.: 312  
 WOLFLE, DAEL: 61

### Verse

- BLOCH, ROBERT: *Ginkgo Biloba* (Trans. of poem by Goethe), 230  
 BRITTAINE, IDA JOSEPHINE: *Eden on My Winter Window*, 38  
 D'AURIA, GEMMA: *To Aristarchus*, 331  
 DWORKIN, MARTIN S.: *Answer for Grace*, 38; *Falcon*, 230  
 GOODMAN, MAE WINKLER: *Capacity*, 38; *Paradox of Zeno*, 322  
 GRAHAM, RACHEL: *Confluency*, 144  
 HIRSH, JOSEPH: *Spring Laughter Is Off Stage*, 230  
 ROBERTS, HORTENSE ROBERTA: *Red-Winged Blackbird*, 230  
 SMYTHE, DANIEL: *Light of Sun*, 38; *Ultimate*, 104; *Candid Camera*, 138  
 WEEKS, RUTH MARY: *Credos*, 83

### Letters

- ANON.: *Teaching Success vs. Research Ability*, 374  
 CROW, JAMES F.: *Mathematical Peculiarities, Continued*, 68  
 FRIEDMAN, REUBEN: *The Discovery of the Cause of the Itch*, 68  
 KELLY, ALLAN O.: *A Crank's-Eye View*, 117  
 MACKNIGHT, F. C.: *The Dusty and Stony Road of Criticism*, 375  
 SLOANE, R. G.: *Mathematical Peculiarities, Continued*, 68  
 STAKMAN, E. C.: *The Mesh is Too Fine*, 245  
 STEINOUR, HAROLD H.: *The Dusty and Stony Road of Criticism*, 375  
 WYND, F. L.: *The Typographical Error is a Slippery Thing and Sly*, 375

So

poem by

Window,

; Falcon,

paradox of

, 230

Blackbird,

104; Can-

, 374

continued,

se of the

of Criti-

continued,

Road of

Slippery

MONTHLY